CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 77-38

NPDES NO. CA0037508

WASTE DISCHARGE REQUIREMENTS FOR:

CITY OF PITTSBURG
MONTEZUMA PLANT
CONTRA COSTA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter Board), finds that:

1. The City of Pittsburg (hereinafter discharger), by application dated April 25, 1977, has applied for waste discharge requirements and a permit to discharge wastes under the National Pollutant Discharge Elimination System.

2. The discharger presently discharges wastes from Montezuma sewage treatment plant into Sacramento River, a water of the United States at 38°, 3', 23" latitude and 121°, 53',12" longitude.

3. The report of waste discharge describes the existing discharge as follows:

   Average Flow: 1.42 million gallons per day (mgd)
   Design Flow: 2.5 million gallons per day (mgd).

4. A Water Quality Control Plan for the San Francisco Bay Basin was adopted by the Board in April 1975. The Basin Plan contains water quality objectives for Sacramento River and San Francisco Bay.

5. The beneficial uses of the Sacramento River and San Francisco Bay are:

   a. Recreation
   b. Fish migration and habitat
   c. Habitat and resting for waterfowl and migratory birds
   d. Industrial and agricultural water supply
   e. Esthetic enjoyment
   f. Navigation

6. The discharge is presently governed by Waste Discharge Requirements Order No. 74-109 which allows discharge to Sacramento River, a water of the United States.

7. Section 301(b) of the Federal Water Pollution Control Act Amendments of 1972 requires all publicly-owned treatment works to achieve effluent limitations based upon secondary treatment no later than July 1, 1977. Secondary treatment has been defined by the EPA Administrator in 40 CFR 133, dated July 26, 1976.

8. This project involves the continued operation of a publicly-owned facility to provide sewerage service with negligible or no expansion of use beyond that previously existing. Consequently, this project will not have a significant effect on the environment based upon the exemption provided in Section 15101, Title 14, California Administrative Code.

9. The discharger and interested agencies and persons have been notified of the Board's intent to revise requirements for the existing discharge and have been provided with the opportunity for a public hearing and the opportunity to submit their written views and recommendations.

10. The Board, in a public meeting, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, pursuant to the provisions of Division 7 of the California Water Code and regulations adopted thereunder, and to the provision of the Federal Water Pollution Control Act, as amended, and regulations and guidelines adopted thereunder, that the discharger shall comply with the following:

A. Prohibitions:

1. Discharge at any point at which the wastewater does not receive an initial dilution of at least 10:1 is prohibited (receiving water to wastewater flow).

2. There shall be no bypass or overflow of untreated wastewater to waters of the State, either at the treatment plant or from the collection system.

3. The average dry weather flow shall not exceed 2.5 mgd. Average shall be determined over three consecutive months per year.

B. Effluent Limitations:

1. Prior to achievement of secondary treatment as required by the Federal Water Pollution Control Act, and as defined by regulations of the Environmental Protection Agency, the following interim effluent limitations shall apply:

a. Settleable matter

The arithmetic mean of any six or more samples collected on any day.	0.5 ml/l-hr, maximum
80% of all individual samples collected during maximum daily flow over any 30-day period.	0.4 ml/l-hr, maximum
Any sample	1.0 ml/l-hr, maximum

b. The arithmetic mean of values for BOD in effluent samples collected in a period of 30 consecutive days shall not exceed 50 percent of the arithmetic mean of respective values for influent samples collected at approximately the same times during the same period, (i.e., 50 percent removal).

2. The discharge of an effluent containing constituents in excess of the following limits is prohibited:

Constituent	Units	30-Day Average	7-Day Average	Maximum Daily	Instantaneous Maximum
a. BOD	mg/l	30	45	60	
	lbs/day	844		1,689	
	kg/day	383		766	
b. Suspended Solids	mg/l	30	45	60	
	lbs/day	844		1,689	
	kg/day	383		766	
c. Oil & Grease	mg/l	10		20	
	lbs/day	280		560	
	kg/day	127		254	
d. Chlorine Residual	mg/l				0.0
e. Settleable Matter	ml/l-hr	0.1			0.2

3. The discharge shall not have pH of less than 6.5 nor greater than 8.5.

4. In any representative set of samples, the waste as discharged shall meet the following limit of quality:

TOXICITY:

The survival of acceptable test organisms in 96-hour bioassays of the effluent shall achieve a median of 90% survival for three consecutive samples and a 90 percentile value of not less than 70% survival for 10 consecutive samples.

5. Representative samples of the effluent shall not exceed the following limits more than the percentage of time indicated:(1)

Constituent	Unit of Measurement	50% of time	10% of time
Arsenic	mg/l (kg/day)	0.01(0.0946)	0.02(0.189)
Cadmium	mg/l (kg/day)	0.02(0.189)	0.03(0.284)
Total Chromium	mg/l (kg/day)	0.005(0.0473)	0.01(0.0946)
Copper	mg/l (kg/day)	0.2(1.892)	0.3(2.84)
Lead	mg/l (kg/day)	0.1(0.946)	0.2(1.89)
Mercury	mg/l (kg/day)	0.001(0.0095)	0.002(0.0189)
Nickel	mg/l (kg/day)	0.1(0.946)	0.2(1.89)
Silver	mg/l (kg/day)	0.02(0.189)	0.04(0.378)

Constituent	Unit of Measurement	50% of time	10% of time
Zinc	mg/l (kg/day)	0.3(2.84)	0.5(4.73)
Cyanide	mg/l (kg/day)	0.1(0.946)	0.2(1.89)
Phenolic Compounds	mg/l (kg/day)	0.5(4.72)	1.0(9.46)
Total Identifiable Chlorinated Hydrocarbons	mg/l (kg/day) (2)	0.002(0.0189)	0.004(0.0378)

(1) These limits are intended to be achieved through secondary treatment, source control, and application of pretreatment standards.

(2) Total Identifiable Chlorinated Hydrocarbons shall be measured by summing the individual concentrations of DDT, DDD, DDE, aldrin, BHC, chloradane, endrin, heptachlor, lindane, dieldrin, polychlorinated biphenyls, and other identifiable chlorinated hydrocarbons.

6. The arithmetic mean of values for BOD and Suspended Solids in effluent samples collected in a period of 30 consecutive days shall not exceed 15 percent of the arithmetic mean of respective values for influent samples collected at approximately the same times during the same period (i.e., 85 percent removal).

7. Total coliform bacteria for a median of 5 consecutive samples shall not exceed 23 MPN/100 ml. Any single sample shall not exceed a most probable number (MPN of 1,000 total coliform bacteria per 100 ml when verified by a repeat sample taken within 48 hours).

C. Receiving Water Limitations

1. The discharge of waste shall not cause the following conditions to exist in waters of the State at any place.

   a. Floating, suspended, or deposited macroscopic particulate matter or foam;

   b. Bottom deposits or aquatic growths;

   c. Alteration of temperature, turbidity, or apparent color beyond present natural background levels;

   d. Visible, floating, suspended or deposited oil or other products of petroleum origin;

   e. Toxic or other deleterious substances to be present in concentrations or quantities which will cause deleterious effects on aquatic biota, wildlife, or waterfowl, or which render any of these unfit for human consumption either at levels created in the receiving waters or as a result of biological concentration.

2. The discharge of waste shall not cause the following limits to be exceeded in waters of the State in any place within one foot of the water surface:

a.	Dissolved oxygen	7.0 mg/l minimum. Annual median - 80% saturation. When natural factors cause lesser concentration(s) than those specified above, then this discharge shall not cause further reduction in the concentration of dissolved oxygen.
b.	Dissolved sulfide	0.1 mg/l maximum.
c.	pH	Variation from natural ambient pH by more than 0.2 pH units.
d.	Un-ionized Ammonia as N	0.025 mg/l annual Median 0.4 mg/l maximum

D. Land Disposal Requirements

1. The discharge of Waste 002 shall not cause waste material to be in any position where it is, or can be, carried from Land Disposal Site "L-1" and deposited in waters of the State.

2. Land Disposal Site "L-1" shall have facilities adequate to divert surface runoff from adjacent areas, to protect boundaries of the site from erosion, and to prevent any conditions that would cause drainage from the materials in the disposal site. Adequate protection is defined as protection from at least a 100-year storm, and from the highest tidal stage that may occur.

3. The disposal of Group 1 material as defined in the California Administrative Code, Article 3, Section 2520, in Land Disposal Site "L-1" is prohibited.

E. Provisions

1. The requirements prescribed by this Order supersede the requirements prescribed by Order No. 74-109, adopted by the Board on October 15, 1974. Order No. 74-109 is hereby rescinded.

2. The discharger shall comply with the following time schedule to assure compliance with the specifications of this Order:

a. Compliance with effluent limitations B.2.a, B.2.b, B.2.c, B.2.e, B.4, B.6; Receiving Water C.1.a, C.1.c and C.2.d, and Prohibition A.1 and A.2:

Task	Completion Date	Report of Compliance Due
Demonstrate the availability of local financing for construction of facilities to meet requirements	June 13, 1977	June 13, 1977
Full Compliance	July 1, 1977	July 1, 1977

b. Compliance with effluent limitation B.5 and all other provisions contained in the City's industrial waste ordinance:

Task	Completion Date	Report of Compliance Due
Status report of compliance	-	June 1, 1977
Submit report outlining corrective actions undertaken to achieve compliance with program for source control	August 1, 1977	August 15, 1977
Documentation of full compliance with effluent limitations	Dec. 1, 1977	Dec. 15, 1977

This Regional Board will consider amendment of the effluent limitation B.5 if the discharger demonstrates that compliance cannot be achieved through a program acceptable to the Board for source control and pre-treatment standards.

c. The discharger shall comply with all other effluent and receiving water limitations, prohibitions and provisions of this Order immediately.

3. The discharger shall review and update annually its contingency plan as required by Board Resolution No. 74-10. The discharge of pollutants in violation of this Order where the discharger has failed to develop and/or implement a contingency plan will be basis for considering such discharge a willfull and negligent violation of this Order pursuant to Section 13387 of the California Water Code.

4. The requirements prescribed by this Order amend the requirements prescribed by Resolution No. 69-22, adopted by the Board on May 28, 1969, and are effective on the dates of compliance prescribed in the above time schedule, PROVIDED HOWEVER, that the following requirements prescribed in Resolution No. 69-22 shall remain in effect until Cease and Desist Order Nos. 71-17, 72-60, and 73-39 are rescinded by this Board:

WASTE DISCHARGE REQUIREMENTS - RECEIVING WATERS

2 and 3 with respect to apparent color, and;

WASTE DISCHARGE REQUIREMENTS - WASTE STREAM

3 and 4

5. The discharger shall comply with the Self-Monitoring Program as ordered by the Executive Officer.

6. The discharger shall comply with all items of the attached "Standard Provisions, Reporting Requirements and Definitions" except B.3.

7. This Order expires on May 15, 1982. The discharger must file a report of waste discharge in accordance with Title 23, Chapter 3, Subchapter 9 of the California Administrative Code not later than 180 days in advance of such expiration date as application for issuance of new waste discharge requirements.

   This Order shall serve as a National Pollutant Discharge Elimination System permit pursuant to Section 402 of the Federal Water Pollution Control Act or amendments thereto, and shall become effective 10 days after date of its adoption provided the Regional Administrator, Environmental Protection Agency, has no objection. If the Regional Administrator objects to its issuance, the permit shall not become effective until such objection is withdrawn.

I, Fred H. Dierker, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on May 17, 1977.

FRED H. DIERKER
Executive Officer

Attachments:
Standard Provisions, Reporting Requirements and Definitions
Self-Monitoring Program Part A&B

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION
APRIL 1977

STANDARD PROVISIONS, REPORTING REQUIREMENTS AND DEFINITIONS

A. Standard Provisions:

1. Neither the treatment nor the discharge of wastes shall create a nuisance or pollution as defined in the California Water Code.

2. The requirements prescribed herein do not authorize the commission of any act causing injury to the property of another, nor protect the discharger from his liabilities under federal, state, or local laws, nor guarantee the discharger a capacity right in the receiving waters.

3. The discharger shall permit the Regional Board and the Environmental Protection Agency:

   (a) Entry upon premises in which an effluent source is located or in which any required records are kept;

   (b) Access to copy any records required to be kept under terms and conditions of this Order;

   (c) Inspection of monitoring equipment or records, and

   (d) Sampling of any discharge.

4. All dischargers authorized by this Order shall be consistent with the terms and conditions of this Order. The discharge of any pollutant more frequently than or at a level in excess of that identified and authorized by this Order shall constitute a violation of the terms and conditions of this Order.

5. The discharger's wastewater treatment plant shall be supervised and operated by persons possessing certificates of appropriate grade pursuant to Chapter 3, Subchapter 14, Title 23, California Administrative Code.

6. The discharger shall maintain in good working order and operate as efficiently as possible any facility or control system installed by the discharger to achieve compliance with the waste discharge requirements.

7. Collected screenings, sludges, and other solids removed from liquid wastes shall be disposed of at a legal point of disposal, and in accordance with the provisions of Division 7.5 of the California Water Code. For the purpose of this requirement, a legal point of disposal is defined as one for which waste discharge requirements have been prescribed by a regional water quality control Board and which is in full compliance therewith.

b) Should the Regional Board not approve the existing safeguards, the discharger shall, within ninety (90) days of having been advised by the Regional Boad that the existing safeguards are inadequate, provide to the Regional Board and the Regional Administrator a schedule of compliance for providing safeguards such that in the event of reduction, loss, or failure of electric power, the permittee shall comply with the terms and conditions of this permit. The schedule of compliance shall, upon approval of the Regional Board Executive Officer, become a condition of this Order.

13. Any diversion from or bypass of facilities necessary to maintain compliance with the terms and conditions of this Order is prohibited, except (a) where unavoidable to prevent loss of life or severe property damage, or (b) where excessive storm drainage or runoff would damage any facilities necessary for complaince. Wet weather diversions and bypasses may be subject to waste discharge requirements.

The discharger shall take all reasonable steps to minimize any adverse impact to receiving waters resulting from noncompliance with any effluent limitations or prohibition specified in this Order, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

Details of notification procedures, required written reports and accelerated monitoring are contained in the Self-Monitoring Program.

14. Except for data determined to be confidential under Section 308 of the Federal Water Pollution Control Act, all reports prepared in accordance with terms of this Order shall be available for public inspection at the offices of the Regional Water Quality Control Board, and the Regional Administrator of EPA. As required by the Federal Water Pollution Control Act, effluent data shall not be considered confidential. Knowingly making any false statements on any such report may result in the imposition of criminal penalties as provided for in Section 309 of the Act.

15. In the event of any change in control or ownership of land or waste discharge facilities presently owned or controlled by the discharger, the discharger shall notify the succeeding owner or operator of the existence of this Order by letter, a copy of which shall be forwarded to this Board.

16. The discharger shall ensure compliance with any existing or future pretreatment standard promulgated by EPA under Sections 307 of the Federal Water Pollution Control Act or amendment thereto, for any discharge to the municipal system.

17. The discharge of any radiological, chemical, or biological warfare agent or high level radiological waste is prohibited.

5. The discharger shall file a written report with the Board within ninety (90) days after the average dry-weather waste flow for any month equals or exceeds 75 percent of the design capacity of his waste treatment and/or disposal facilities. The discharger's senior administrative officer shall sign a letter which transmits that report and certifies that the policy-making body is adequately informed about it. The report shall include:

   a. Average daily flow for the month, the date on which the instantaneous peak flow occurred, the rate of that peak flow, and the total flow for the day.

   b. The discharger's best estimate of when the average daily dry-weather flow rate will equal or exceed the design capacity of his facilities.

   c. The discharger's intended schedule for studies, design, and other steps needed to provide additional capacity for his waste treatment and/or disposal facilities before the waste flow rate equals the capacity of present units. (Reference: Sections 13260, 13267(b) and 13268, California Water Code).

C. Definitions:

1. The daily discharge rate is obtained from the following calculation for any calendar day:

$$\text{Daily discharge rate (lbs/day)} = \frac{8.34}{N} \sum_{1}^{N} Q_i C_i$$

$$\text{Daily discharge rate (kg/day)} = \frac{3.78}{N} \sum_{1}^{N} Q_i C_i$$

in which N is the number of samples analyzed in any calendar day. Q_i and C_i are the flow rate (MGD) and the constituent concentration (mg/l) respectively, which are associated with each of the N grab samples which may be taken in any calendar day. If a composite sample is taken, C_i is the concentration measured in the composite sample and Q_i is the average flow rate occurring during the period over which samples are composited.

2. The "30-day, or 7-day, average" discharge is the total discharge by weight during a 30, or 7, consecutive calendar day period, respectively, divided by the number of days in the period that the facility was discharging. Where less than daily sampling is required by this permit, the 30-day, or 7-day, average discharge shall be determined by the summation of all the measured discharges by weight divided by the number of days during the 30, or 7, consecutive calendar day period when the measurements were made.

   If fewer than four measurements are made during a 30-day period or fewer than three during a 7-day period, then compliance or non-compliance with the 30, or 7, day average discharge limitation shall not be determined.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 77-38

NPDES NO. CA0037508

SELF-MONITORING PROGRAM FOR:

CITY OF PITTSBURG - MONTEZUMA PLANT
CONTRA COSTA COUNTY

CONSISTS OF PART A, dated 7/74

AND

PART B, ordered May 17, 1977 effective immediately

PART B

I. DESCRIPTION OF SAMPLING STATIONS

A. INFLUENT AND INTAKE

Station	Description
A-001	At any point in the treatment facilities headworks at which all waste tributary to the system is present and preceding any phase of treatment.

B. EFFLUENT

Station	Description
E-001	At any point in the outfall from the treatment facilities between the point of discharge and the point at which all waste tributary to that outfall is present. (May be the same as E-001-D)
E-001-D	At any point in the disinfection facilities for Waste E-001, at which point adequate contact with the disinfectant is assured.

C. RECEIVING WATERS

Station	Description
C-1	At a point in the Sacramento River, located within 25 feet from the point of discharge in the waste field.
C-2	At the shore of the Sacramento River located about 50 feet westerly from the offshore end of the outfall, in the water at least one foot deep.
C-3	At a point in the Sacramento River, located about 50 feet northerly from the offshore end of the outfall.
C-4	At the shore of the Sacramento River, located 50 feet east from the offshore end of the outfall, in the water at least one-foot deep.
C-R	At a point in the Sacramento River, located 1000 feet upstream from the outfall.

D. LAND OBSERVATIONS

Station	Description
P-1 through p-'n'	Located at the corners and midpoints of the perimeter fenceline surrounding the treatment facilities. (A sketch showing the locations of these stations will accompany each report.)
L-1 through L-'n'	Located along the perimeter levee at equidistant intervals not to exceed 50 feet. (A sketch showing the locations of these stations will accompany each report.)

E. OVERFLOWS AND BYPASSES

Station	Description
O-1 through O-'n'	Bypass or overflows from manholes, pump stations, or collection system.

NOTE: Initial SMP report to include map and description of each known bypass or overflow location.

II. SCHEDULE OF SAMPLING, MEASUREMENT, AND ANALYSIS

A. The schedule of sampling and analysis shall be that given as Table I.

I, Roger B. James, Acting Executive Officer, for Fred H. Dierker, Executive Officer, do hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 77-38.

2. Does not include the following paragraphs of Part A:

   C-3 and C-4.

3. Has been ordered by the Executive Officer on May 17, 1977, effective immediately.

4. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revisions will be ordered by the Executive Officer.

FRED H. DIERKER
Executive Officer

Attachment: Table I
2119.1033 A&B

TABLE I

SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSIS

Sampling Station	A-1		E-001-D			C		P&L	O				
TYPE OF SAMPLE	C-24		G	(2) C-24	Cont.	G		O	O				
Flow Rate (mgd)	D				D								
BOD, 5-day, 20° C, or COD (mg/l & kg/day)	W			W									
Chlorine Residual & Dosage (mg/l & kg/day)			2/D		Cont								
Settleable Matter (ml/1-hr. & cu. ft./day)			D										
Total Suspended Matter (mg/l & kg/day)	W			W									
Oil & Grease (mg/l & kg/day)				M(1)									
Coliform (Total) (MPN/100 ml) per req't			3/W			M							
Fish Toxicity, 96-hr. TL_{50} % Survival in undiluted waste				M									
Ammonia Nitrogen (mg/l & kg/day)				M		2/Y							
Nitrate Nitrogen (mg/l & kg/day)				M		2/Y							
Nitrite Nitrogen (mg/l & kg/day)				M		2/Y							
Total Organic Nitrogen (mg/l & kg/day)				M		2/Y							
Total Phosphate (mg/l & kg/day)				M		2/Y							
Turbidity (Jackson Turbidity Units)				2W		M							
pH (units)			D			M							
Dissolved Oxygen (mg/l and % Saturation)			D			M							
Temperature (°C)			D			M							
Apparent Color (color units)						M							
Secchi Disc (inches)						M							
Sulfides (if DO < 5.0 mg/l) Total & Dissolved (mg/l)			W			M							
Arsenic (mg/l & kg/day)				3M									
Cadmium (mg/l & kg/day)				3M									
Chromium, Total (mg/l & kg/day)				3M									
Copper (mg/l & kg/day)				3M									
Cyanide (mg/l & kg/day)				3M									
Silver (mg/l & kg/day				3M									
Lead (mg/l & kg/day)				3M									

TABLE I (continued)
SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSIS

Sampling Station	A-1		E-001-D			C		P&L	O				
TYPE OF SAMPLE	C-24		G	C-24	Cont.	G		OOOOO					
Mercury (mg/l & kg/day)				3M									
Nickel (mg/l & kg/day)				3M									
Zinc (mg/l & kg/day)				3M									
Phenoic Compounds (mg/l & kg/day)				3M									
All Applicable Standard Observations			D			M		2/W	E				
Bottom Sediment Analyses and Observations													
Total Identifiable Chlorinated Hydrocarbons (mg/l & kg/day)				3M									

LEGEND FOR TABLE

TYPES OF SAMPLES

G = grab sample
C-24 = composite sample - 24-hour
C-X = composite sample - X hours (used when discharge does not continue for 24-hour period)
Cont = continuous sampling
DI = depth-integrated sample
BS = bottom sediment sample
O = observation

TYPES OF STATIONS

I = intake and/or water supply stations
A = treatment facility influent stations
E = waste effluent stations
C = receiving water stations
P = treatment facilities perimeter stations
L = basin and/or pond levee stations
B = bottom sediment stations
D = overflow and bypass

FREQUENCY OF SAMPLING

E = each occurence
H = once each hour
D = once each day
W = once each week
M = once each month
Y = once each year
2/D = twice per day
2/H = twice per hour
2/W = 2 days per week
5/W = 5 days per week
2/M = 2 days per month
2/Y = once in April and once in September
2H = every 2 hours
2D = every 2 days
2W = every 2 weeks
3M = every 3 months
Cont = continuous

*During any day when bypassing occurs from any treatment unit(s) in the plant, the monitoring program for the effluent shall include the following in addition to the above schedule for sampling, measurement, and analyses:

1. Composite sample for BOD, total suspended solids, and oil and grease (influent and effluent).
2. Grab sample for coliform (total and fecal), settleable matter, and chlorine residual (continuous or every two hours).
3. Continuous monitoring of flow.

TABLE I

SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSIS

FOOTNOTES

(1) Oil and grease sampling shall consist of 3 grab samples taken at 8-hour intervals during the sampling day, with each grab being collected in a glass container and analyzed separately. Results shall be expressed as a weighted average of the 3 values, based upon the instantaneous flow rates occurring at the time of each grab sample.

If the plant is not staffed 24 hours per day or if the discharge does not occur continuously, then the three grab samples may be taken at approximately equal intervals during the period that the plant is staffed or during the period that discharge is made.

In the event that sampling for oil and grease once every two weeks or less frequenctly shows an apparent violation of the waste discharge permit 30-day average limitation (considering the results of one or two day's sampling as a 30-day average), then the sampling frequency shall be increased to weekly, so that a true 30-day average can be computed and compliance can be determined.

(2) 24-hour composite sample is required after August 15, 1975. Prior thereto, an 8-hour composite may be substituted.